

THE
NKARC

FEEDLINE



KENTUCKY HAMS IN ACTION
NORTHERN KENTUCKY AMATEUR RADIO CLUB - K4CO
P.O. BOX 31, FT. MITCHELL, KY. 41017

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MARCH 1976

CLUB MEETING: First Tuesday of the month at 8:00 p.m. Meeting location given below.
Summer meetings held at members' QTH.
CLUB NET: Every Tuesday at 7:30 p.m. on 146.58 mhz fm.
CLUB TRAILER: Located in Erlanger, Ky.

COMING EVENTS

MARCH 2 NKARC MEETING
6-7 DX PHONE CONTEST
20-21 DX CW CONTEST
APRIL 6 NKARC MEETING
23-25 DAYTON HAMVENTION
28 CANCER DRIVE
MAY 4 NKARC MEETING
30 KENTUCKY HAM-O-RAMA
JUNE 12 VHF CONTEST
26-27 FIELD DAY
SEPT 4-5 VHF CONTEST

NEXT MEETING

TUESDAY, MARCH 2, 1976 at 8 p.m.
at
FRISCH'S RESTAURANT - COVINGTON

*Located at 5th and Philadelphia St.
*Basement meeting room - enter back
*employee entrance and down stairs.

MEETING PROGRAM: Discussion on antennas.
This was cancelled at the Feb. meeting
due to the Red Cross Guests.

SIMULATED EMERGENCY TEST

The SET operation on January 25 was a good success. No one knew until 2 p.m. (the SET started at 2 p.m.) what the SET would involve.

K4MEE called the Emergency Net at 2 p.m. on 146.58 Mhz. He was located at the club trailer, using the club call K4CO. A total of 27 stations checked into the net. Mobiles were sent out to various points as far as Falmouth and reported back to net control from these points.

The club's new G.E. commercial rig was used by net control, and it worked great. Thanks to all who participated.

Volunteer your help for the Ham-O-Rama.
Our club depends on its success!

WAS DXCC WAC

The American Radio Relay League (ARRL) says that confirmations (QSL's) for contacts made under the Bicentennial prefix, along with confirmations made under your regular prefix, both count for WAS, DXCC, WAC, etc. Dennis Lampe, W8KII, received this information when he wrote the ARRL questioning the above.

RED CROSS VISIT

The Red Cross was out in force. But there was no disaster this time. They were guests at the February NKARC meeting. Jack Rieth, W8HQQ, who acts as a liaison between NKARC and the Red Cross, stressed the need for a unified plan of co-operation. This plan would include the Red Cross, QCEN (Queen City Emergency Net) of Cincinnati, and NKARC. The goal of this plan is to make sure each group knows what to do in an emergency; and also how they fit into the overall plan.

Jack Rieth, after discussing the above plan, introduced two Red Cross personnel: Tony Ludwig and Gerald Altenau. Gerald has been a Red Cross volunteer for 17 years. He is a Disaster Team Director (one of 4, one of whom is on call 24 hrs. a day for a 7 day period). The Director is usually the first Red Cross personnel on the scene at a disaster. They do the initial evaluation and decide what the needs are.

Tony Ludwig is a Red Cross staff member - he's not a volunteer like Mr. Altenau. Tony's work includes a little of everything - he acts as Gary Miller's assistant.

NKARC is affiliated with the Red Cross and provides assistance when needed and called upon to do so. Most of this is communications assistance, and will usually be right in the northern Kentucky area. Watch for more information on the emergency plan. Harold Blocher II, WB4VOA will assist Jack Rieth in organizing this plan.

Club president Roger Troy, W8SWHS, called the meeting to order at 8:10 p.m. The minutes of the previous meeting were approved as read.

- K4MEE reported on the SET. The new club G.E. rig worked great.
- K4JBV reported on the Ham-O-Rama plans and the possible prizes.
- Code and theory classes will probably start in a couple of months. WB4FAT is chairman.
- W8OGS passed out copies of "Equipment Ham Trader" and also DX contest forms to those interested.
- K4DMA reported that the insurance claim came in. The Ham-O-Rama contract has also been received and sent in.
- WB4VOA suggested the tribander be put back up as soon as possible. He also commented on the use of Hustler ant. (mobile) should work good mounted on the trailer roof.
- K4MEE took down the rotor and will repair it.
- WB4VOA received a \$50 check from the Red Cross. He also reported on applying for additional funds from them for a power supply for the new G.E. rig. This should be done after June, 1976.
- W8KIIY reported on his ARRL correspondence concerning WAS (worked all states) - Both your Bicentennial call and your normal call QSO's count for WAS certificates. Den obtained his confirmed WAS using his Bicentennial call on Jan. 28.
- WB4VOA will meet with CG&E to correct the trailer power problem.
- W8HOK discussed a unified emergency plan (see front page).

BUY - SELL - SNAP - BUY

FOR SALE: QST's 1944-1963. Contact W8SWHS, Roger Troy at 661-5306.

ALUMINUM MAST: 2" O.D., 1/2" wall. 6061 T-6 alloy in 20 ft. lengths. Wt. about 34 lbs. Regular price, \$80+. U-pick up price \$35 each. Contact W8OGS, Joe Burke, at 385-4198.

WANTED: LOW BAND RIG. I am presently a law student and recently received my General class license. I would like the use of a low band rig. Will appreciate any assist. Contact: Steve Starke, WB4CTP, at 261-2976.

A new way of predicting solar activity has been discovered by G. M. Brown of University College of Wales, Aberystwyth. It stems from his observation that there is a strong correlation between the sun's effect on the earth's magnetic field and the number of sunspots six years later.

The reason for this is not known, but it holds good over a time span which goes back to 1885, and the correlation is very close indeed. If it proves to be a genuine effect and not a freak of statistics, then it could give radio propagation experts a valuable method of improving their short-wave propagation predictions.

The magnetic effect in question operates on the horizontal component of the earth's field. This normally goes through a minimum at about 11:00 local time, but on "Abnormal Quiet Days" (AQDs) the minimum is at some other time. It is the AQDs which predict the sunspot numbers.

Since AQDs are most frequent at sunspot minima it could be that they mark the beginning of new cycles of solar activity rather than the ends of old ones. "If this relationship proves valid it implies that the sun 'breathes' with an 11-year-period, such that the size of a solar activity maximum is determined at the very beginning of a cycle, or, perhaps the very end of the preceding cycle, from the 'depth' of the solar minimum."

(Reprinted from Wireless World, Sept 1975)

DON'T HAVE A BEAM ? ... USE CLUB'S

A number of members have expressed interest in using the antennas at the club trailer. We presently have antennas for 20, 15, 10, 6, and 2 meters.

A system is being worked out so that any club member (with dues paid up) can have access to the trailer at any time. You could then stop by during your lunch hour, etc., and put in some operating time.

WANTED - Any equipment not being used, that's collecting dust in the basement. Want to help a future or new Ham? Lend the equipment out to him/her. We'll have uses for such equipment when the novice classes begin. LET US KNOW, PLEASE. Contact Roger, at 661-5306.